Faculty of Medicine / STOMATOLOGY / PRECLNICAL ENDODONTICS

Course:	PRECLNICAL ENDODONTICS							
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exer cises+Laboratory)				
6829	Mandatory	8	5	2+2+0				
Programs	STOMATOLOGY							
Prerequisites	Passed exam Restorative Dentistry							
Aims	After completion of theory and practical exercises, the student should: a challenge tehnbiku placing a rubber dam is to know basic anatomical and morphological characteristics of root canal system of teeth groups, to understand the importance of access cavity in endodontics treatment, to know about the different priests odontometrics, he knows the basic endodontic instruments, he knows the techniques and medications that are using irrigation and medication of root canals, he knows the different techniques reparations tooth roots, he knows all phases of endodontic procedures, and understanding of their importance to the final outcome of the treatment of diseased teeth, he knows the methods of endodontic treatment of affected teeth							
Learning outcomes	After completing one semester subjects in Preclinical endodontics, dental student should possess the following learning outcomes : 1. Knowledge of basic methods of endodontic treatment of teeth. 2. Knowledge of basic anatomy morphological characteristics in canal system all groups of teeth. 3. Knows , and explains properly performed access cavity preparation techniques odontometrics, irrigation, medication and obturation in laboratory conditions. 4. Knowledge of the proper use of primary endodontic instruments in the canal system is extracted teeth of different morphology group. 5. Knows and properly applies materials in endodontic procedures. 6. All learned procedures and actions can be fully applied in the clinical setting.							
Lecturer / Teaching assistant	Assist Prof Mirjana Đuričković							
Methodology	Lectures, colloquia, exercises, seminars							
Plan and program of work								
Preparing week	Preparation and registration of the semester							
I week lectures	Anatomical and morphological characteristics of dental pulp space							
I week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
II week lectures	Basic principles of endodontic treatment of teeth, treatment plan and operational phases							
II week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
III week lectures	Endodontic instruments for root canal tooth: manual, mechanical and ultrasonic							
III week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
IV week lectures	Preparation of the access of the cavity depending on the morphological group of teeth							
IV week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
V week lectures	Testing of initial mobility channels, and extirpation odontometric							
V week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
VI week lectures	Manual techniques and methods of preparation of the root canal tooth							
VI week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
VII week lectures	Mechanical engineering preparation of root canal							
VII week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
VIII week lectures	Irrigated root canal teeth - the means and method of administration							
VIII week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
IX week lectures	Medication root canal teeth - the means and method of administration							
IX week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
X week lectures	Obturating root of the tooth - the means and method of administration							
X week exercises	Exercises follow the lectures. Practical work on extracted teeth.							
XI week lectures	Asepsis and antisepsis in endodontics							
XI week exercises	Exercises follow the lectures. Practical work on extracted teeth.							

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XII week lect	tures	Pulp c	lisease in apex perio	odontium: etiology,	pathogenesis and s	ymptomatology			
XII week exe	ercises	Exercises follow the lectures. Practical work on extracted teeth.							
XIII week lec	tures	Classification of pulp disease in apex periodontium							
XIII week ex	ercises	Exerc	Exercises follow the lectures. Practical work on extracted teeth.						
XIV week led	tures	Biopu	Biopulpotomia, necropulpotomia-Indications and protocol work						
XIV week ex	ercises	Exerc	Exercises follow the lectures. Practical work on extracted teeth.						
XV week lec	tures	Biopulpectomia, necropulpectomia-Indications and protocol work							
XV week exe	ercises	Exercises follow the lectures. Practical work on extracted teeth.							
Student wo	orkload	Students (weekly): 6.75 credits x 40/30 = 9Sat Structure: 1 hour lecture 5 exercises 1 hour individual work including consultations Load students (semester): Teaching and the final exam (9 hx 16 = 144h). Necessary preparation (before semester enrollment, etc) 9h x 2 = 18 h Total load: 6.75 x 30 = 202,5h Additional work 40,5h The structure of the load 144 h + 18 h + 40.5 h							
Per week			Per semester						
5 credits x 40/30=6 hours and 40 minuts 2 sat(a) theoretical classes 0 sat(a) practical classes 2 excercises 2 hour(s) i 40 minuts of independent work, including consultations		Classes and final exam: 6 hour(s) i 40 minuts x 16 =106 hour(s) i 40 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 6 hour(s) i 40 minuts x 2 =13 hour(s) i 20 minuts Total workload for the subject: 5 x 30=150 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 30 hour(s) i 0 minuts Workload structure: 106 hour(s) i 40 minuts (cources), 13 hour(s) i 20 minuts (preparation), 30 hour(s) i 0 minuts (additional work)							
Student obligations			Presentation of the seminar and practical training is mandatory. Presentation of the seminar and participation in discussions on the topic is required and assessed.						
Consultations			The teacher and associates held consultations with students once a week, in the period that is defined at the beginning of the semester						
Literature		Bergenholz et al. Textbook of Endodontology, 2nd eds, Wiley-Blackwell, Chichester, UK, 2010. 2. Leif Tronstad. Clinical endodontics-a textbook, 3rd eds, Thieme, NY, USA, 2009. 3.Slavoljub Živković et al. Practice of endodontic therapy, Data Status, Belgrade,2017.							
Examination methods			2 colloquia 20 points Seminar 9 points Final exam 50 points. Passing grade gets the cumulative collect the minimum of 51						
Special remarks			Mandatory narrowly professional subject						
Comment			No						
Grade:	F		E	D	С	В	А		
Number of points	less than 50 points		greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points		